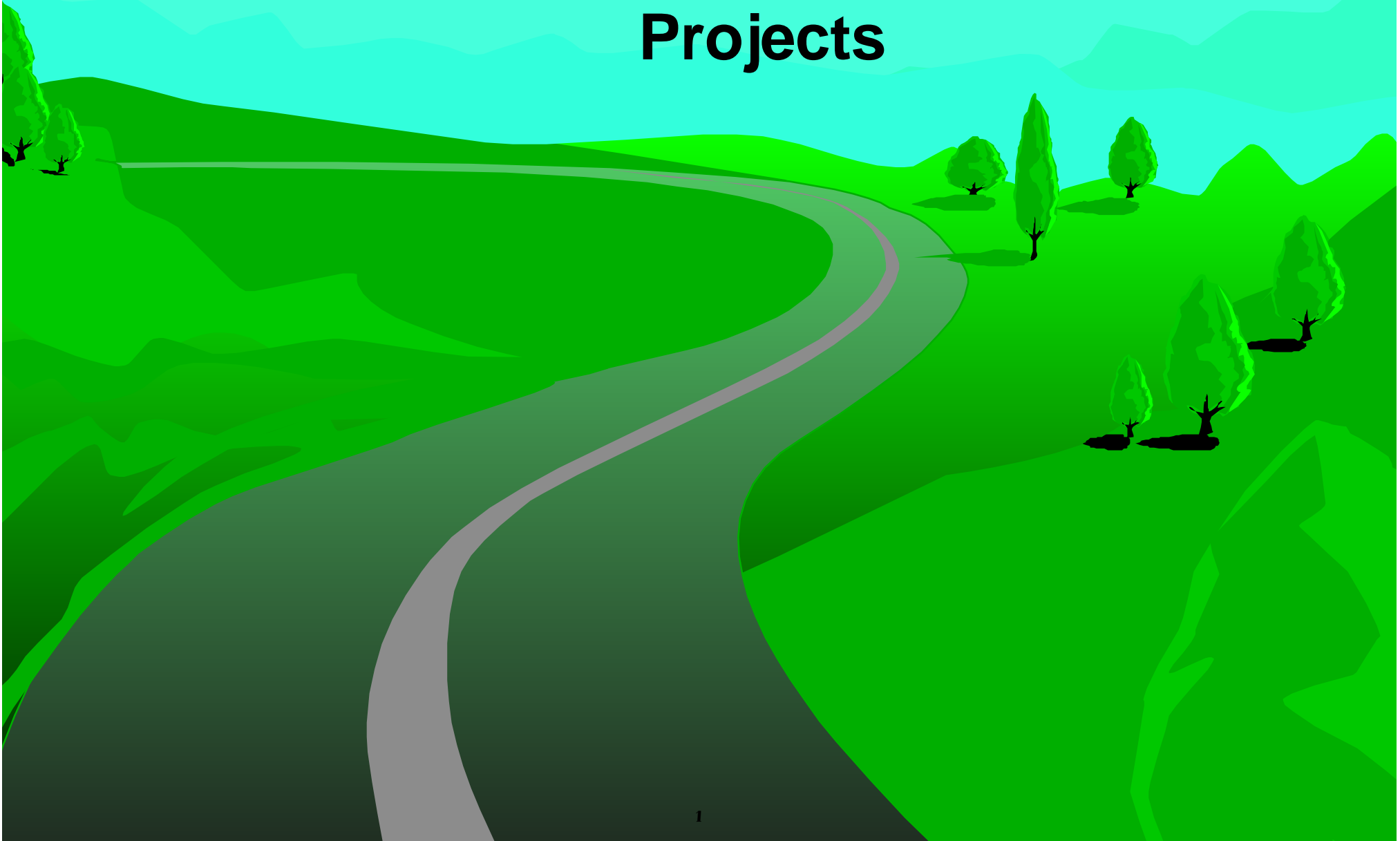


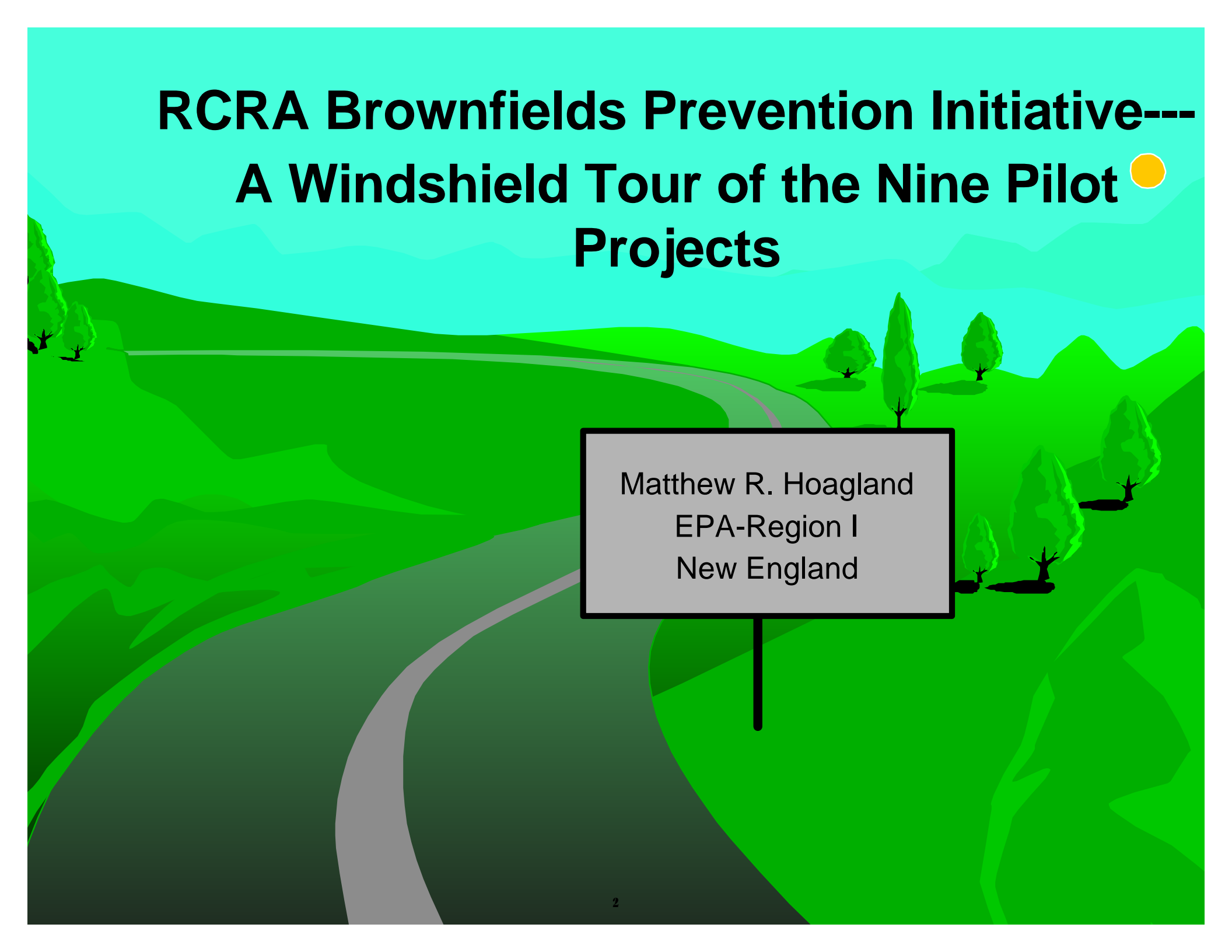
RCRA Brownfields Prevention Initiative---

A Windshield Tour of the Nine Pilot Projects



RCRA Brownfields Prevention Initiative---

A Windshield Tour of the Nine Pilot Projects



Matthew R. Hoagland
EPA-Region I
New England

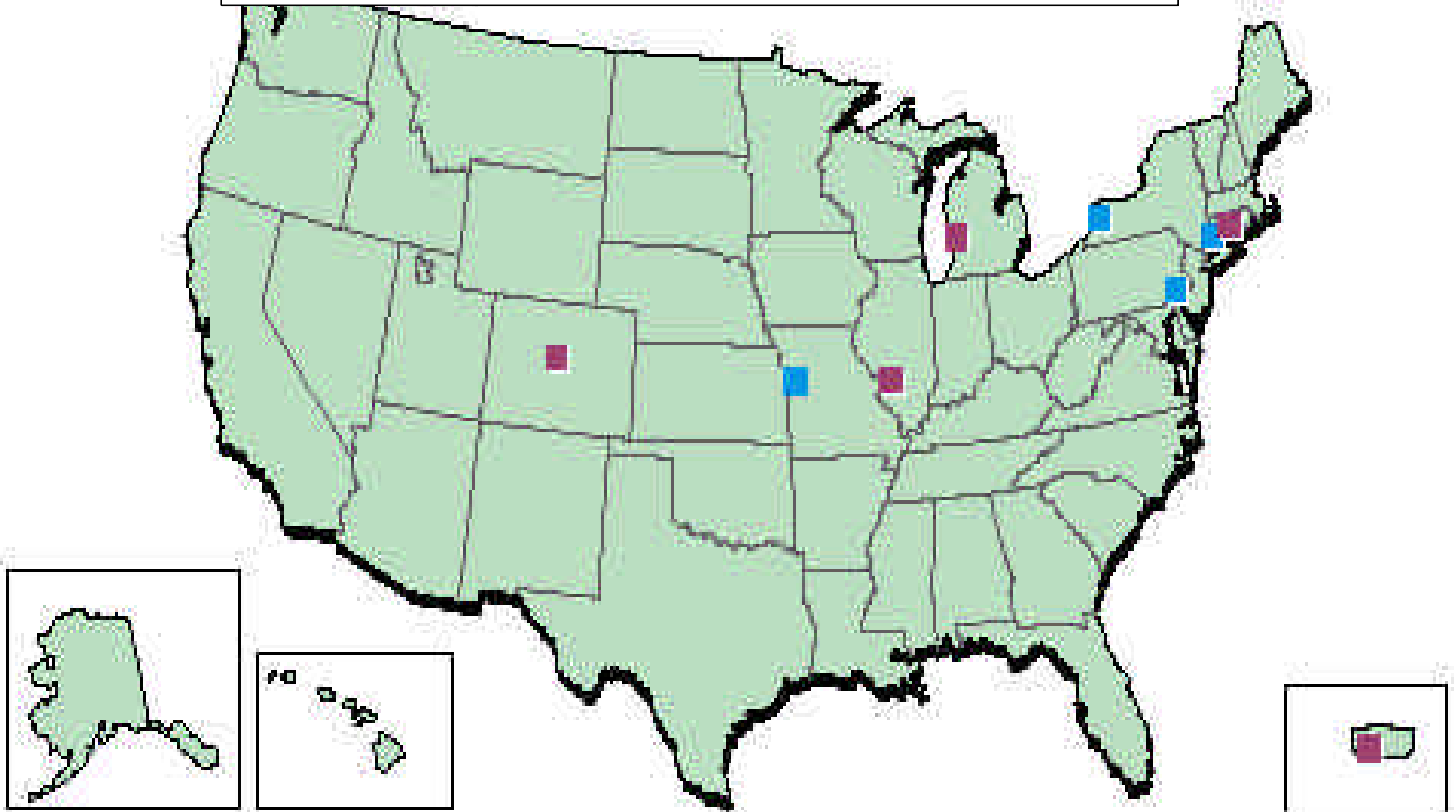
RCRA Brownfields Pilots

- EPA initiated a pilot program to learn of issues impeding redevelopment of RCRA sites and develop and test innovations that can be used at other RCRA sites
- Initiated 4 RCRA Brownfields pilot projects in 2000
- EPA announced 5 additional pilots in August 2001

RCRA Brownfields Pilots

- Purpose of the RCRA Brownfields Pilots...
 - ▶ Showcase successes that can help engender future innovations for cleanup and redevelopment at RCRA sites
 - ▶ Emphasize flexibility while continuing to ensure protection of human health and environment

RCRA Pilot Projects



Four in 1st Round

Five in 2nd Round

RCRA Brownfields Pilots

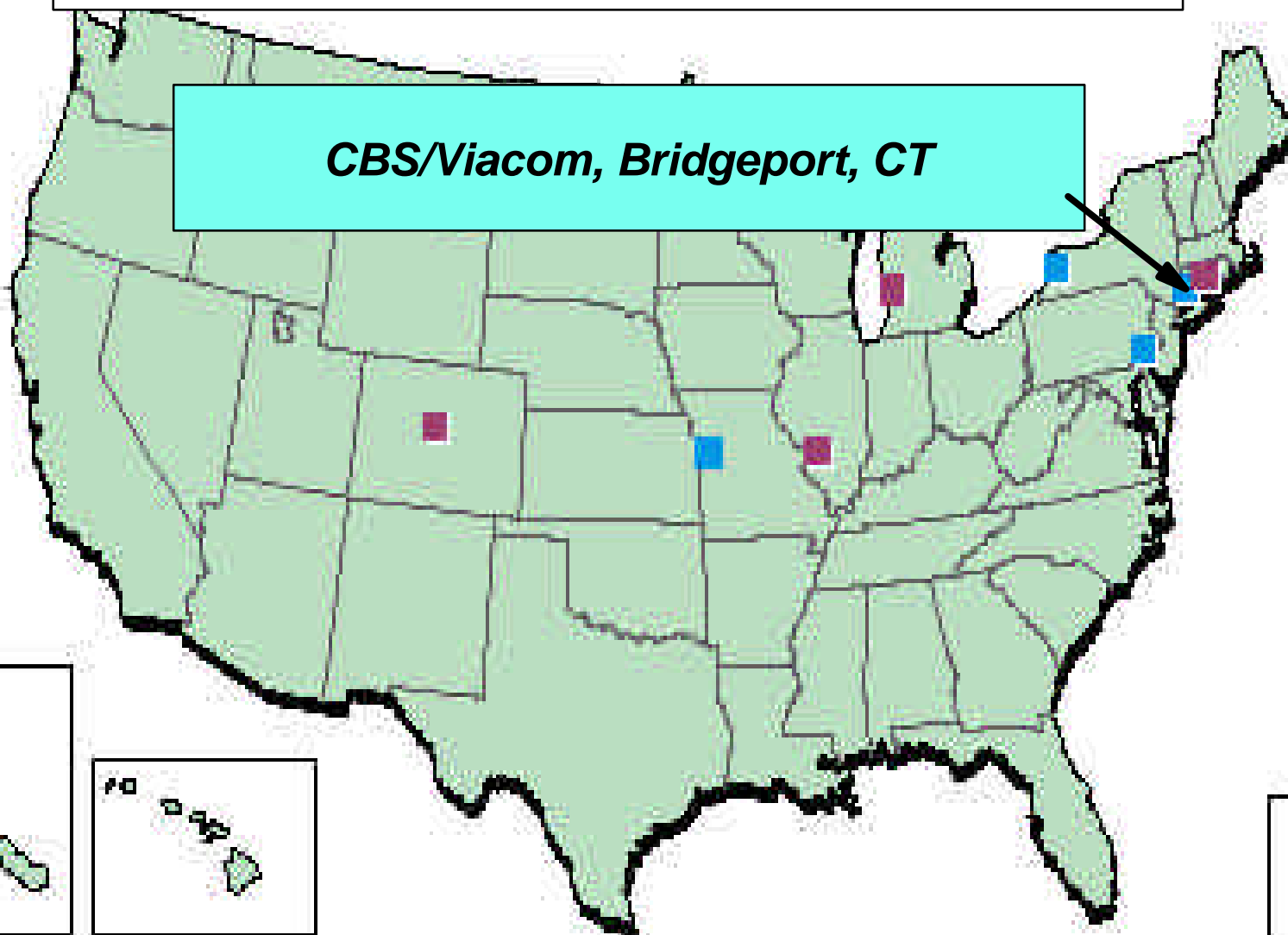
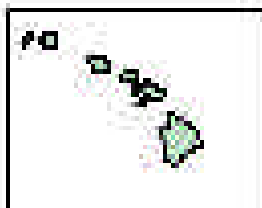
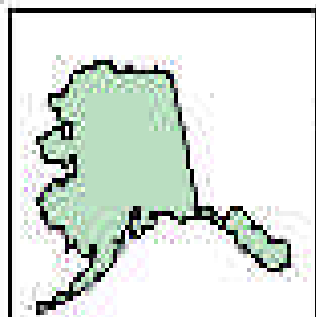
- Initiated four RCRA Brownfields pilot projects in spring of 2000...
 - ▶ ***CBS/Viacom, Bridgeport, CT***
 - ▶ ***Bethlehem Steel, Lackawanna, NY***
 - ▶ ***PECO Energy, Chester, PA***
 - ▶ ***Blue Valley, Kansas City, MO***

RCRA Brownfields Pilots

- EPA recently announced five additional RCRA Brownfields pilots...
 - ▶ ***Muskegon Heights, MI***
 - ▶ ***BP Refinery: Wood River IL***
 - ▶ ***Milt Adams: Commerce City, CO***
 - ▶ ***Dow Chemical Co., Union Carbide Caribe Facility: Puerto Rico***
 - ▶ ***Pharmacia & Upjohn: North Haven, CT***

RCRA Pilot Projects - Round 1

CBS/Viacom, Bridgeport, CT



RCRA Brownfields Pilots

1st Round

■ ***CBS/Viacom, Bridgeport, CT***

- ▶ An electrical manufacturing facility for over 100 years in an Environmental Justice Area.
- ▶ Pilot succeeded in:
 - successfully integrating RCRA Corrective Action requirements with Connecticut Property Transfer Act,
 - streamlining cleanup process and redevelopment plans, and
 - achieving CA 725 and CA 750 Environmental Indicators.
- ▶ Intended future use: light manufacturing. (Due to general economic downturn, re-development of site by prospective developer now in question)
- ▶ EPA Contact: Robert O'Meara (617-918-1360)

CBS/Viacom, Bridgeport, CT

Former Plant
Bldg.

Typical Gov't
Car

Sep 1996



CBS/Viacom, Bridgeport, CT

Sep 1996

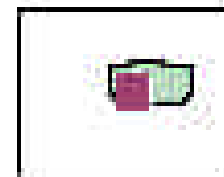
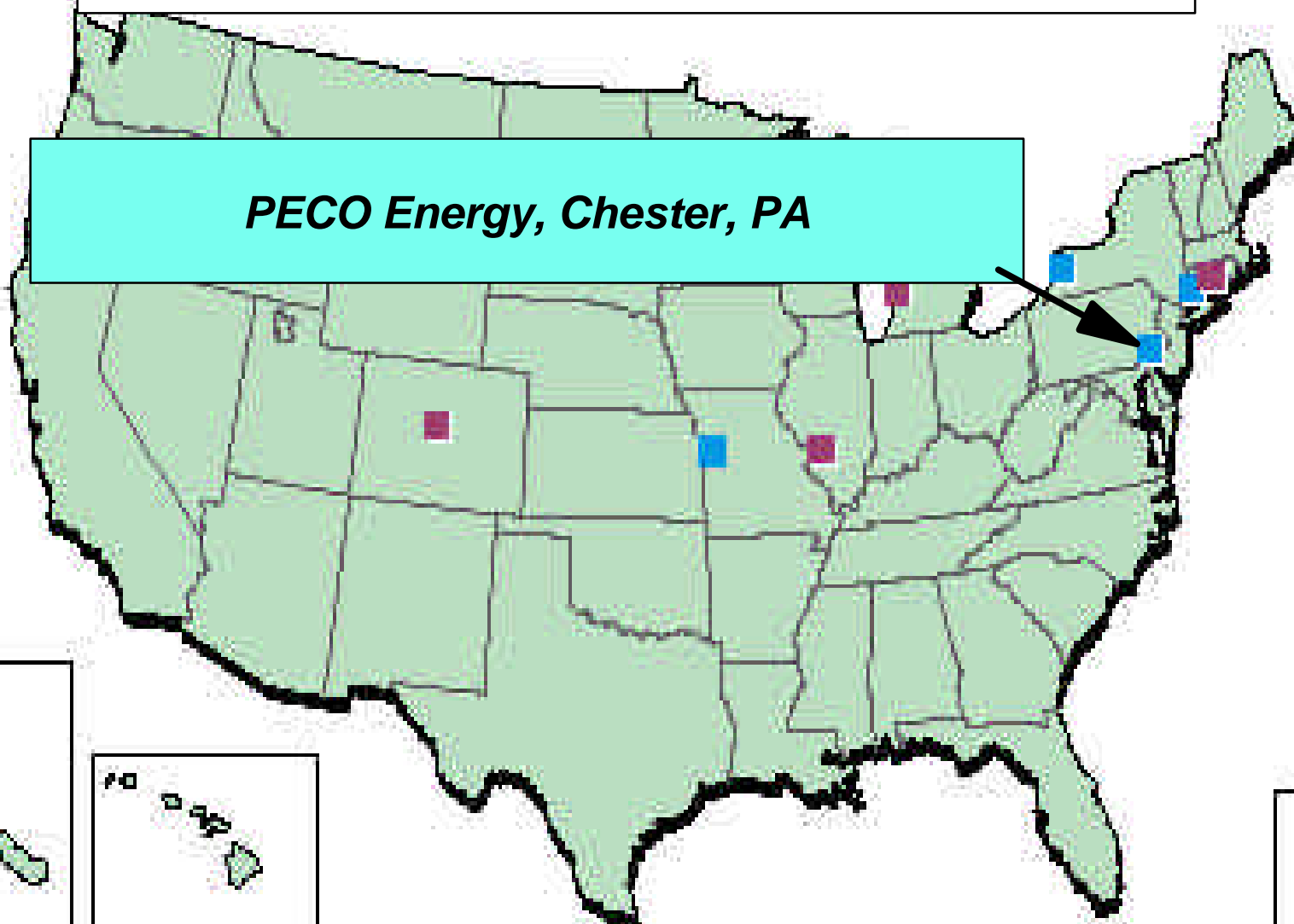
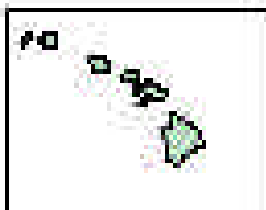


CBS/Viacom, Bridgeport, CT

Winter 2000

RCRA Pilot Projects - Round 1

PECO Energy, Chester, PA



RCRA Brownfields Pilots

1st Round

■ ***PECO Energy, Chester, PA***

- ▶ Former utility site located in an Environmental Justice community
- ▶ Pilot succeeded in:
 - integrating RCRA Corrective Action requirements with Pennsylvania's Act II streamlined cleanup process
- ▶ Intended future use:
 - former coal fired utility is currently being renovated into a high tech office building
 - rest of site to be redeveloped later into a multi-million dollar waterfront commercial office park and a city park
- ▶ EPA Contact: Renee Gelblat (215-814-3421)

PECO Energy, Chester, PA

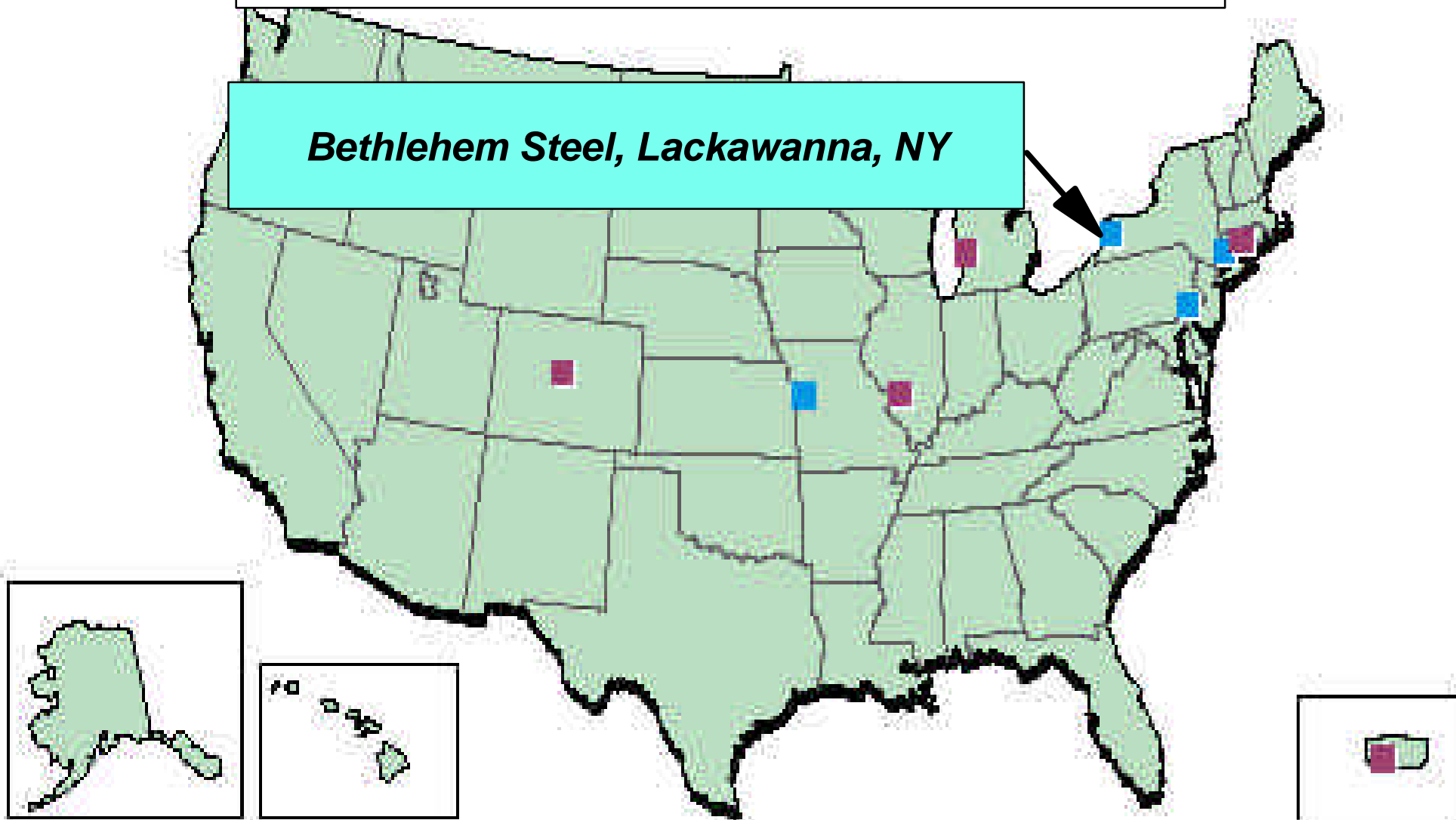


PECO Energy, Chester, PA



RCRA Pilot Projects - Round 1

Bethlehem Steel, Lackawanna, NY



RCRA Brownfields Pilots

1st Round

■ ***Bethlehem Steel, Lackawanna, NY***

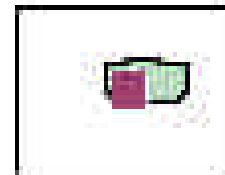
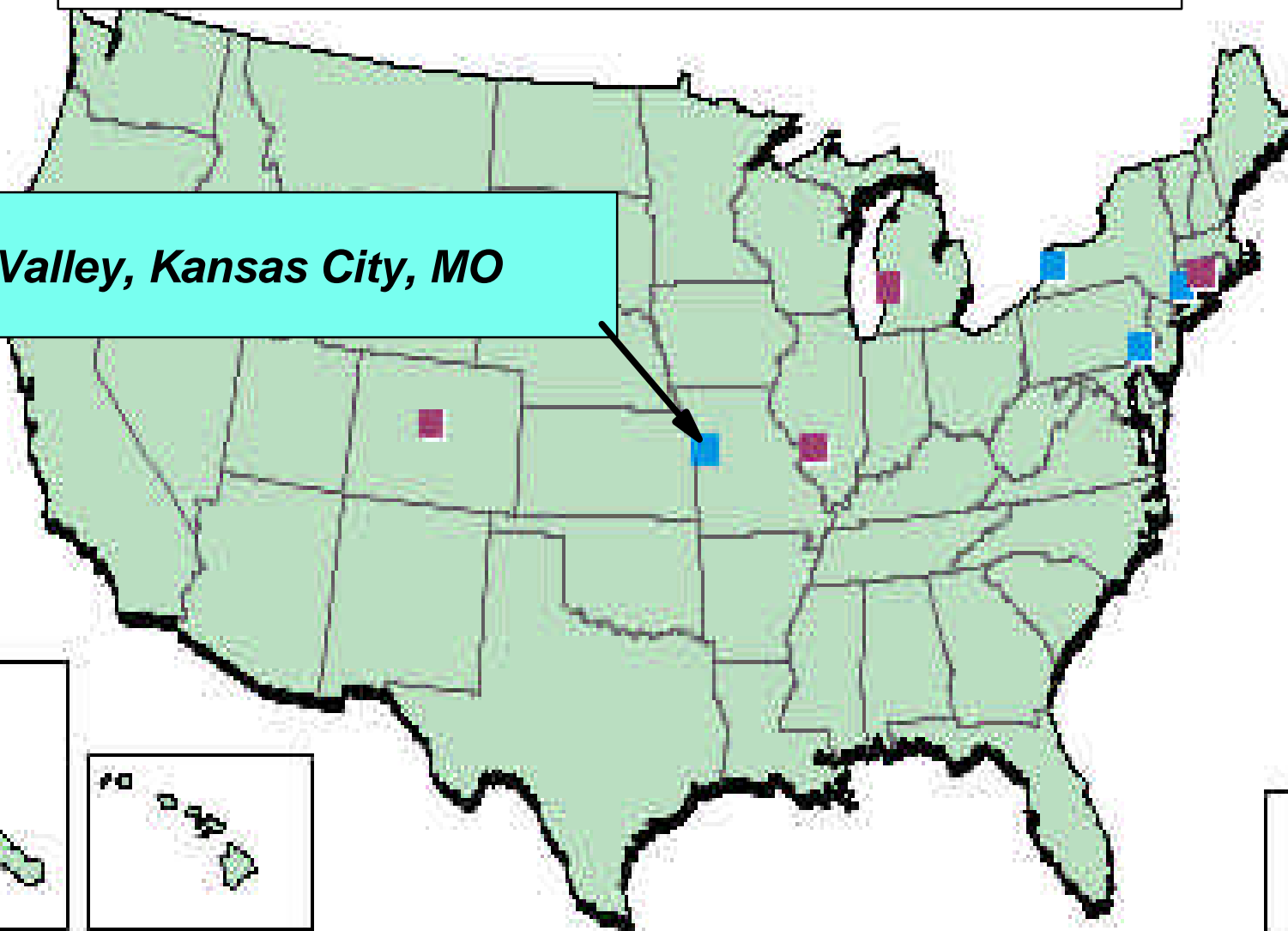
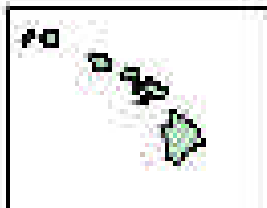
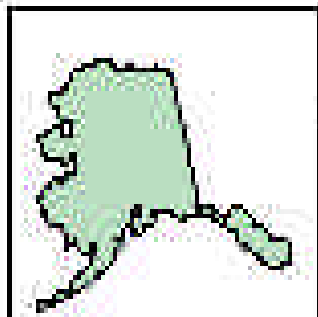
- ▶ 2000 acre former integrated steel mill with multiple planned reuses, including greenspace
- ▶ Pilot succeeded in:
 - removing a parcel of the site from the Corrective Action investigation order to encourage cleanup and redevelopment
 - serving as a focal point for launching a community-wide land use and redevelopment dialogue
- ▶ Intended future use: build a light industrial park
- ▶ EPA contact: Michael Poetzsch (212-637-4147)

Bethlehem Steel, Lackawanna, NY

108 Acres

RCRA Pilot Projects - Round 1

Blue Valley, Kansas City, MO



RCRA Brownfields Pilots

1st Round

■ ***Blue Valley, Kansas City, MO***

- ▶ Multi-facility industrial area containing several RCRA facilities, in the Blue River floodplain
- ▶ Pilot succeeded in:
 - consolidating RCRA, GIS and other environmental data into a Redevelopment Opportunity Portfolio
 - completing the field work for the area-wide background study to assess metals and PAHs
 - developing a site parceling approach at one of the RCRA facilities to enhance redevelopment
 - facilitating a partnership with USACE to allow reuse of clean dredged materials as fill on RCRA facilities in industrial area
- ▶ Intended future use: new industrial facilities in former industrial areas
- ▶ EPA contact: Stenhanie Doolan²¹ (913-551-7719)

TRACKS

Construction
Supervised by



**US Army Corps
of Engineers**

Northwestern Division
Kansas City District

Channel Modification Blue River Flood Protection Project

Blue River Basin
Kansas City, MO



Contractor:
Banderas
Construction
Kansas City, MO

Consulting Engineer:
Burns McDonnell
Kansas City, MO

6740



***Blue Valley, Kansas City, MO
(Beazer East)***